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CHEMLINE to Provide Expanded Coverage

CHEMLINE, the Library's on-line chemical dictionary file used to support TOXLINE, has been enlarged to include information on 243,373 unique chemical substances. This is a major expansion (CHEMLINE previously contained records on 98,860 substances) that will extend its usefulness in supporting other data bases dealing with chemical substances.

Prominent among the added records is the Environmental Protection Agency's Toxic Substances Control Act (TSCA) Inventory Candidate List, numbering some 33,000 items. In late September the EPA will publish regulations to govern the reporting of chemicals manufactured or imported by U.S. firms. Since there are about 20,000 such companies, it is expected that the demand for CHEMLINE services will increase substantially in the coming months.

Reporting chemicals on the EPA TSCA Inventory Candidate List requires only the identification of a Chemical Abstracts Service (CAS) Registry Number and an EPA reporting code. Substances not included in the EPA Candidate List will require more extensive chemical identification data, which also may be available in CHEMLINE.

CHEMLINE offers chemical manufacturers and importers an opportunity to search a large automated data base sufficient to meet most of the EPA's requirements for identifying chemicals. The file can be searched using a number of elements, either singly or in combination, such as CAS Registry Number, systematic name, synonyms, name fragments, molecular formula, molecular formula fragments, and ring structure data.

NLM has taken a number of steps to expand the availability of CHEMLINE. Large manufacturers with access to data processing equipment may lease a copy of the data base for $2,000 from the National Technical Information Service after first acquiring a license agreement from Chemical Abstracts Service. To accommodate manufacturers or importers with more modest requirements, it will be possible to arrange special on-line access to NLM's computers for CHEMLINE only.

Small manufacturers will be directed to a Regional Medical Library or to one of the on-line centers within a Region. All regular users of the NLM on-line services have access to CHEMLINE and should be able to support the small organization in meeting the reporting requirement. To assist the centers, and to relieve a potential burden on the NLM computer system, the CHEMLINE file will also be made available from SUNY, at least during the reporting period to be established by EPA.

The expanded CHEMLINE will provide the chemical industry with a tool to assist companies in meeting the reporting requirements of the EPA. An additional advantage is that the Government will be able to compile an inventory of manufactured and imported substances more efficiently and at relatively little cost.

For more information about CHEMLINE and how it may be accessed, write to the NLM Associate Director for Specialized Information Services, 8600 Rockville Pike, Bethesda, Md. 20014.

NATIONAL LIBRARY OF MEDICINE
NEWS

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Barry Named Deputy Associate Director, Library Operations

James W. Barry, a nationally known medical librarian of wide experience, has been appointed Deputy Associate Director for Library Operations at the National Library of Medicine. Mr. Barry is no stranger to NLM, having worked here from 1955 to 1963.

The Division of Library Operations, with some 275 employees, is NLM's largest component. It comprises all reference, indexing, cataloging, acquisitions, MEDLARS management, interlibrary loan, and history of medicine activities. In his new position, Mr. Barry will be assisting Dr. Joseph Leiter, Associate Director for Library Operations.

Immediately prior to coming to NLM, Mr. Barry was Director of the Learning Resource Center/Library of the new Uniformed Services University of the Health Sciences. From 1971 to 1976 he was head librarian at the Medical Center of the University of Arizona, and from 1963 to 1971 he held the same position at Rutgers University. In 1968, taking a one-year leave of absence from Rutgers, Mr. Barry served as a visiting librarian and consultant at the Mahidol University in Bangkok, Thailand.

Mr. Barry has A.B. and M.Ed. degrees from the University of Pittsburgh and a degree in library science from the Carnegie Mellon Institute. He is a member of several national professional library associations, having served in elective and appointive offices for each, and he is the author of numerous articles on library subjects.

Management Intern Program Offered by NLM and CLR

A new program has been established to broaden the experience of mid-career librarians by involving them in top-level administration at academic health science libraries. The Health Sciences Library Management Intern Program is sponsored by the National Library of Medicine in cooperation with the Council on Library Resources.

The three candidates chosen will spend one year, beginning in September 1978, each working with the director and top administrative staff of a major academic health science library. The host libraries will be chosen by NLM on the basis of the quality of educational experience they can offer. The interns will receive a stipend equal to their current salary and benefits (up to $25,000) plus travel, moving costs, and incidental educational expenses.

Internship applicants must have at least five years of professional library experience and have a demonstrable interest in library administration in the health sciences. The program is open to U.S. citizens and foreign nationals with permanent residence in the U.S.

Applications must be postmarked no later than February 1, 1978. The names of successful candidates will be announced in the spring of 1978. For an application form, send a self-addressed #10 envelope or a mailing label to:

Health Sciences Library Management
Intern Program
Council on Library Resources
One Dupont Circle, Suite 620
Washington, D.C. 20036

NLM Deputy Director Melvin Day welcomes 50 librarians who visited the Library on August 22 for a day of lectures and demonstrations. The librarians, from all over the country, were participating in the two-week Institute on Federal Library Resources, sponsored by The Catholic University of America's Graduate Department of Library Science. While at NLM, the students received an over-all view of the Library from Mr. Day, after which there were special presentations on reference and on-line services, a tour, and talks on the Lister Hill National Center for Biomedical Communications and Extramural Programs.

"Health Sciences Communication Technology" is the title of a new exhibit at the National Library of Medicine. The exhibit portrays how the innovative use of computer and audiovisual technology improves the efficiency of health education for students, instructors, and practitioners. On display are examples of various communication technologies: medical education materials, models and photographs of learning systems, and descriptions of information access systems. An NLM patron is shown above examining a case containing models used in teaching various biomedical subjects. The exhibit, displayed in the Library's lobby, runs through January 6; the hours are 8:30 a.m. to 9:00 p.m., Monday through Friday, and 8:30 to 5:00, Saturday.

This fashionable English matron drops her teacup in horror as she discovers what a microscope reveals about the water in her tea in early 19th century London. This etching—"Monster Soup Commonly Called Thames Water"—by William Heath, is one of six NLM prints on display outside HEW Secretary Joseph Califano's office.

Technical Publications from NTIS

The Library reports and technical tools listed below may now be ordered from the National Technical Information Service, 5285 Port Royal Road, Springfield, Virginia 22161.

- *Medical Subject Headings, Annotated Alphabetic List, 1978.* PB-270-894. $19.00 ($3.00 microfiche). Includes MeSH terms, cross references, geographic headings, non-MeSH terms, and indexing instructions.
- *Medical Subject Headings, Tree Structures, 1978.* PB-270-945. $13.25 ($3.00 microfiche). MeSH terms are arranged in a hierarchical manner showing relationships between broader and narrower terms. Included are minor and geographic descriptors.
- *Medical Subject Headings, Tree Annotations, 1978.* PB-271-246. $6.50. ($3.00 microfiche). Designed for indexers and searchers, this tool provides a general statement on the approach one should pursue for a given tree, as well as providing information on special features within that tree.
- *MEDLARS Indexing Manual, Part II.* PB-271-306. $14.00. ($3.00 microfiche). Supplements MEDLARS Indexing Manual, Part I

(PB-254-270, $7.25). The second half of the MEDLARS Indexing Manual is devoted to the rules governing the technical analysis and indexing of journals and monographs cited in *Index Medicus* and other MEDLARS products. It covers the various MeSH categories, depth indexing, authorities and references, etc., and includes an index to Parts I and II. (Part I is devoted to general bibliographic principles governing the citation of articles in *Index Medicus* and other MEDLARS products; it also outlines the form of descriptive indexing of articles and monographs cited.)

- *Scope and Coverage Manual of the National Library of Medicine (1977).* PB-271-252. $5.25. ($3.00 microfiche). This latest NLM scope-and-coverage manual (*News*, June 1977) was designed to guide staff in selecting literature for the Library's collection.

Sports Medicine Bibliography Begins Quarterly Publication

Physical Fitness/Sports Medicine, a new bibliography sponsored by the President's Council on Physical Fitness and Sports in cooperation with NLM, is scheduled to begin quarterly publication late this year. The bibliography is designed for physicians, physical educators, physical therapists, and others interested in the medical aspects of exercise.

Citations will appear under more than 300 subject headings ranging from "Achilles Tendon" and "Altitude" to "Ventilation-Perfusion Ration" and "Weight Lifting." The headings were selected from NLM's Medical Subject Headings by a scientific committee made up of representatives from the American College of Sports Medicine, the American Medical Association, the President's Council on Physical Fitness and Sports, the United States Olympic Committee, and NLM.

The inaugural Winter 1978 issue is scheduled to be mailed in December 1977. Orders are now being accepted by the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402. Price: $6 a year (four quarterly issues); $7.50 (foreign).